

CLAIMS

1. A method of appending a position stamp to an image file of a photo or video clip taken with a digital camera having a GPS antenna and a GPS RF front-end including an analogue to digital converter for receiving GPS signals and outputting GPS signal samples, the method comprising the steps of:
- (i) upon a user taking a photo or video clip: (a) creating an image file containing that photo or video clip, and (b) sampling received GPS signals and storing those GPS signal samples with an indication of the image file of the photo or video clip to which those GPS signal samples pertain; and
- (ii) subsequently processing the GPS signal samples to obtain a position fix and appending the position fix to the image file.
2. A method according to claim 1 wherein step (ii) is done after an intentional delay has elapsed after step (i).
3. A method according to claim 1 further comprising the step of, after step (i) but before step (ii), uploading the image file and GPS signal samples to an external computer.
4. A method according to claim 1 further comprising the step of, after step (i), detecting the connection to the camera of an external power source whereupon step (ii) is done either automatically or after user confirmation of an automatic prompt for the same.
5. A method according to claim 1 wherein step (i) is performed twice upon a user taking respective first and second photo or video clips, prior to step (ii) being done for the first photo or video clip.
6. A method according to claim 1 wherein the GPS signal samples are stored in a file format.

7. A digital camera comprising a GPS antenna and a GPS RF front-end including an analogue to digital converter for receiving GPS signals and outputting GPS signal samples; wherein, upon a user taking a photo or video clip: (a) an image file is created containing that photo or video clip and (b) received GPS signals are sampled and the GPS signal samples stored with an indication of the image file created in step (a) to which those GPS signal samples pertain.

8. A digital camera according to claim 7 further comprising a GPS signal processor for processing the GPS signal samples to obtain a position fix and appending the position fix to the image file.

9. A digital camera according to claim 8 configured to process the GPS signal samples to obtain a position fix after an intentional delay has elapsed after step (b).

10. A digital camera according to claim 8 configured to process the GPS signal samples to obtain a position fix after detecting the connection to the camera of an external power source and either automatically or after user confirmation of an automatic prompt for the same.

11. A digital camera according to claim 8 configured to allow steps (a) and (b) to be performed twice upon a user taking respective first and second photo or video clips prior to processing the GPS signal samples to obtain a position fix and appending the position fix to the image file of the first photo or video clip.

12. A digital camera according to claim 7 configured to upload the image file and GPS signal samples to an external computer.

13. A digital camera according to claim 12 configured to allow steps (a) and (b) to be performed twice upon a user taking respective first and second photo or video clips prior to uploading the image files and GPS signal samples to an external computer.

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14. A digital camera according to claim 7 wherein the GPS signal samples are stored in a file format.

15. A computer comprising a processor and receiver, and configured
10 to (a) receive through the receiver an image file containing a photo or video clip, GPS signal samples and an indication of the corresponding image file to which the GPS signal samples pertain by virtue of having been sampled when the corresponding photo or video clip was taken; (b) process the GPS signal samples to obtain a position fix; and (c) append the position fix to the
15 corresponding image file.